



HIGHWAY DESIGN PUBLIC HEARING – OPEN HOUSE
Washington Elementary School - 515 South Broad Street – Fremont, Nebraska
Thursday, June 3, 2010 5:00 - 7:00 P.M.

FREMONT SOUTH BRIDGE
Project No. NH-BR-77-3(128), C.N. 22265

LOCATION: This project is located on US-77 at the Platte River south of Fremont and Inglewood in Dodge and Saunders counties. It begins 0.50 mile south of the river at R.P. 111+35 and ends 0.59 mile north of the river at R.P. 112+44.

INTENT OF PROJECT: To replace the existing two-lane bridge with a four-lane bridge on a parallel alignment just to the east.

SCOPE OF WORK: This project will include the construction of a four-lane bridge and concrete roadways on both approaches to the bridge. The bridge and approach roadways will consist of two 12-foot wide driving lanes in each direction separated by a 12-foot wide median and 10-foot wide outside shoulders. Construction items will include earthwork, grading, bridge, 10-inch doweled concrete pavement, driveway, culverts, storm sewer, and roadway lighting.

TRAFFIC COUNTS:

YEAR	2010	2030
Vehicles per day	8,900	12,460
% Trucks	9%	9%

BRIDGES: The existing 1,350-foot long x 26-foot wide bridge located over the Platte River at R.P. 111+85 will be replaced with a new 1,400-foot long x 80-foot wide bridge. The centerline of the new bridge will be parallel to and 79 feet east of the existing centerline. The existing 31-foot long x 38-foot wide bridge located over Elm Creek is outside the limits of the project and will remain in-place.

CONSTRUCTION SCHEDULE: This project is scheduled to be LET to contract in the fall of 2010 with construction later in 2010. It is expected to take approximately two years to complete the construction of the new bridge and approach roadways, and another two years to complete the removal of the existing bridge and approach roadways.

PROPOSED ACCOMMODATION OF TRAFFIC: US-77 traffic will be accommodated on the existing bridge or the new bridge during construction. Occasionally, short term closures of US-77 will be needed in order to facilitate construction of the new bridge. The number of these closures will be minimized and occur only during periods of low traffic volumes. US-77 traffic would be temporarily detoured to US-275 via N-64. Temporary surfacing may be built to accommodate traffic at certain times during construction. Some one-lane, two-way traffic with flagging may be necessary during daylight hours to help facilitate construction.

RIGHT OF WAY (ROW): The existing US-77 right-of-way varies in width from 390 feet south of the existing bridge to a more uniform 200-foot corridor that is centered on existing US-77 centerline within the river and north of the bridge. An additional 7.38 acres of right-of-way have been acquired from six parcels. The relocation of a mobile home northeast of the proposed bridge is pending. Also, 1.85 acres of temporary constructions easements (TE) have been acquired, including 0.40 acre from Monnich Park.

WETLANDS: There will be an impact to approximately 0.27 acre of wetlands located adjacent to US-77. Compensatory wetland mitigation will occur via the allocation of certified wetland mitigation credits from NDOR's Tarnov Wetland Mitigation Bank.

ESTIMATED COST OF THE PROJECT: \$19.73 million (present day dollars)